



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1220

SERIAL NUMBER 09/862,524	FILING DATE 05/22/2001 RULE	CLASS 707	GROUP ART UNIT 2171	ATTORNEY DOCKET NO. YOR9-2001-0230 (8728-504)
-----------------------------	-----------------------------------	--------------	------------------------	--

## APPLICANTS

Martin Franz, Yorktown Heights, NY;  
 Jeffrey S. McCarley, Bedford Hills, NY;

## \*\* CONTINUING DATA \*\*\*\*\*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 07/18/2001

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY NY	SHEETS DRAWING 2	TOTAL CLAIMS 22	INDEPENDENT CLAIMS 5
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature	Initials			

## ADDRESS

F. CHAU & ASSOCIATES, LLP  
 Suite 501  
 1900 Hempstead Tpke.  
 East Meadow, NY 11554

## TITLE

Information retrieval with non-negative matrix factorization

FILING FEE RECEIVED 906	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-------------------------------	---	---